# The Alberta Heritage Savings Trust Fund Capital Projects Division

# 1990-91 Estimates of Proposed Investments

Alberta

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## PREFACE

The 1990-91 Estimates of Proposed Investments present to the Legislative Assembly the investment proposals being made for the Capital Projects Division of the Alberta Heritage Savings Trust Fund. Capital Projects Division investments are made in projects which, as defined by the Alberta Heritage Savings Trust Fund Act, will provide long-term economic or social benefits to the people of Alberta but which may not necessarily by their nature yield a return to the Trust Fund. The Legislative Assembly will be asked to appropriate money from the Heritage Savings Trust Fund to each vote under Section 1 of the Appropriation (Alberta Heritage Savings Trust Fund, Capital Projects Division) Act, 1990.

For the information of the Legislative Assembly, projects have been reported at the sub-project level, where applicable, and by object of expenditure with comparable figures from 1989-90. Expenditure control within projects exists at the object of expenditure and sub-project levels (where a sub-project breakdown exists) insofar as control of transfers of funding authority between sub-projects and between object groupings is subject to Treasury Board directive.

## SYMBOLS

The following symbols are used throughout this publication:

. . . figures not appropriate or not applicable

- - amount too small (large) to be expressed

— nil or zero.

# The Alberta Heritage Savings Trust Fund Capital Projects Division

# 1990-91 Estimates of Proposed Investments

# Votes By Project

Alberta

ALBERTA HERITAGE SAVINGS TRUST FUND
CAPITAL PROJECTS DIVISION

THE HONOURABLE JOHN GOGO
Minister of Advanced Education
227 Legislature Building, 427-2291

THE HONOURABLE LEROY FJORDBOTTEN
Minister of Forestry, Lands and Wildlife
408 Legislature Building, 427-3674

THE HONOURABLE ERNIE ISLEY
Minister of Agriculture
131 Legislature Building, 427-2137

THE HONOURABLE NANCY BETKOWSKI
Minister of Health
323 Legislature Building, 427-3665

THE HONOURABLE SHIRLEY McCLELLAN
Associate Minister of Agriculture
126 Legislature Building, 422-9156

THE HONOURABLE KEN KOWALSKI
Minister of Public Works, Supply and Services
132 Legislature Building, 427-3666

THE HONOURABLE RICK ORMAN
Minister of Energy
228 Legislature Building, 427-3740

THE HONOURABLE DR. STEPHEN C. WEST
Minister of Recreation and Parks
425 Legislature Building, 427-3672

THE HONOURABLE RALPH KLEIN
Minister of the Environment
130 Legislature Building, 427-2391

THE HONOURABLE FRED A. STEWART
Minister of Technology, Research and Telecommunications
403 Legislature Building, 422-5982

THE HONOURABLE PETER TRYNCHY
Minister Responsible for
Occupational Health and Safety
420 Legislature Building, 422-9613

COMPARATIVE SUMMARY OF PROPOSED INVESTMENTS

| DEPARTMENT | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|
| | $ | % | $ |
| ADVANCED EDUCATION | — | (100.0) | 3,532,000 |
| AGRICULTURE | 33,068,000 | 4.0 | 31,800,000 |
| ENERGY | 1,000,000 | (82.3) | 5,651,000 |
| ENVIRONMENT | 42,900,000 | 1.4 | 42,317,000 |
| EXECUTIVE COUNCIL | 1,218,000 | (11.7) | 1,380,000 |
| FORESTRY, LANDS AND WILDLIFE | 4,492,000 | . . . | — |
| HEALTH | 2,800,000 | — | 2,800,000 |
| PUBLIC WORKS, SUPPLY AND SERVICES | 800,000 | (66.7) | 2,400,000 |
| RECREATION AND PARKS | 5,975,000 | 19.5 | 5,000,000 |
| TECHNOLOGY, RESEARCH AND TELECOMMUNICATIONS | 66,725,000 | 43.9 | 46,358,000 |
| **Amount to be voted** | 158,978,000 | 12.6 | 141,238,000 |
| Total Capital Projects Division Investments to March 31, 1989 | $2,913,373,000 | | |

## SUMMARY BY OBJECT OF EXPENDITURE
## TOTAL ALBERTA HERITAGE SAVINGS TRUST FUND
## CAPITAL PROJECTS DIVISION

| | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|
| | $ | % | $ |
| **Object of Expenditure** | | | |
| Salaries, Wages and Employee Benefits | **2,764,500** | 1.8 | 2,715,027 |
| Supplies and Services | **25,733,600** | 43.0 | 17,995,053 |
| Grants | **130,136,500** | 8.5 | 119,987,500 |
| Purchase of Fixed Assets | **341,400** | (36.4) | 536,420 |
| Payments to Members of the Legislative Assembly | **2,000** | (50.0) | 4,000 |
| | **158,978,000** | 12.6 | 141,238,000 |

## SUMMARY OF MANPOWER AUTHORIZATION
## TOTAL ALBERTA HERITAGE SAVINGS TRUST FUND
## CAPITAL PROJECTS DIVISION

| | | | |
|---|---|---|---|
| Full-Time Equivalent Employment | **64.3** | — | 64.3 |

ADVANCED EDUCATION

## VOTE 1 — CLINICAL RESEARCH BUILDING

**Objective:** To fund the construction of a clinical research building that will provide research facilities in medicine respecting delivery and treatment systems.

**Implementation:** The department provided grants to the University of Alberta for the purposes of constructing, equipping and furnishing the clinical research building.

**Total Investment to March 31, 1989:** $14,100,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| | (No Sub-Projects) | | | |
| | **Amount to be voted** | — | (100.0) | 3,532,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | — | — | — |
| Supplies and Services | — | — | — |
| Grants | — | (100.0) | 3,532,000 |
| Purchase of Fixed Assets | — | — | — |
| | — | (100.0) | 3,532,000 |

AGRICULTURE

## VOTE 1 — FARMING FOR THE FUTURE

**Objective:** To provide funding for agricultural research with the aim of assuring the long term viability of agriculture and the improvement of net farm incomes in the Province.

**Implementation:** The Agricultural Research Council of Alberta administers the program. It reviews research proposals and approves projects for funding. Research projects can be in any of the following categories: apiculture and entomology; beef and dairy cattle; cereals and oil seeds; forage crops; land use and soils; transportation, processing and marketing; poultry, sheep and swine; and special crops. Approved projects are either funded by a research grant or undertaken directly. New technology is transferred to producers through On-Farm Demonstration projects.

**Total Investment to March 31, 1989:** $48,577,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| | (No Sub-Projects) | | | |
| | **Amount to be voted** | **5,000,000** | — | 5,000,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | **850,000** | 4.8 | 811,000 |
| Supplies and Services | **522,000** | (50.9) | 1,063,500 |
| Grants | **3,601,500** | 15.6 | 3,115,500 |
| Purchase of Fixed Assets | **24,500** | 206.3 | 8,000 |
| Payments to MLAs | **2,000** | — | 2,000 |
| | **5,000,000** | — | 5,000,000 |

### Summary of Manpower Authorization

| | | | |
|---|---|---|---|
| Full-Time Equivalent Employment | **21.0** | — | 21.0 |

## VOTE 2 — IRRIGATION REHABILITATION AND EXPANSION

**Objective:** To assist irrigation districts in rehabilitating irrigation systems which will ensure efficient distribution of water to Alberta's irrigation farmers.

**Implementation:** Agriculture administers the program and provides grants to 13 irrigation districts for two categories of projects; major works — the rehabilitation of larger canals and the rehabilitation and construction of reservoirs, and irrigation capital works — the rehabilitation of smaller canals and seepage control and drainage projects. Funds are administered under agreements executed annually with the districts. Districts contribute 14% of funding. Research activities are funded from the Support Services sub-project.

**Total Investment to March 31, 1989:** $262,061,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| 2.1 | Support Services | 200,000 | — | 200,000 |
| 2.2 | Assistance to Irrigation Districts | 24,800,000 | — | 24,800,000 |
| | **Amount to be voted** | 25,000,000 | — | 25,000,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | — | — | — |
| Supplies and Services | 170,000 | (12.8) | 195,000 |
| Grants | 24,800,000 | — | 24,800,000 |
| Purchase of Fixed Assets | 30,000 | 500.0 | 5,000 |
| | 25,000,000 | — | 25,000,000 |

## VOTE 3 — PRIVATE IRRIGATION WATER SUPPLY

**Objective:** To assist agricultural producers in defraying costs associated with constructing the capital works necessary to divert and convey water from a spring, creek, river or lake to their land for irrigation purposes.

**Implementation:** Agriculture administers the project which provides grant assistance to individual farmers and ranchers and to legally constituted producer groups to defray the capital costs associated with conveying water from a source authorized under individual water licences.

**Total Investment to March 31, 1989:** Nil

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| | (No Sub-Projects) | | | |
| | **Amount to be voted** | **3,068,000** | 70.4 | 1,800,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | **67,000** | 59.5 | 42,000 |
| Supplies and Services | **16,100** | (34.5) | 24,580 |
| Grants | **2,978,000** | 75.2 | 1,700,000 |
| Purchase of Fixed Assets | **6,900** | (79.4) | 33,420 |
| | **3,068,000** | 70.4 | 1,800,000 |

### Summary of Manpower Authorization

| | | | |
|---|---|---|---|
| Full-Time Equivalent Employment | **2.0** | — | 2.0 |

## ENERGY

## VOTE 1 — RENEWABLE ENERGY RESEARCH

**Objective:** To promote the development and application of renewable energy, particularly solar and wind, in the southwest region of Alberta thereby creating a centre of renewable energy expertise that can enhance the economic opportunities in the area.

**Implementation:** The Department of Energy administers this project which provides grant assistance for renewable energy research projects and which undertakes research projects directly.

**Total Investment to March 31, 1989:** Nil

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| | (No Sub-Projects) | | | |
| | **Amount to be voted** | **1,000,000** | 100.0 | 500,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | — | — | — |
| Supplies and Services | **350,000** | 366.7 | 75,000 |
| Grants | **600,000** | 50.0 | 400,000 |
| Purchase of Fixed Assets | **50,000** | 100.0 | 25,000 |
| | **1,000,000** | 100.0 | 500,000 |

## VOTE 2 — ALBERTA OIL SANDS TECHNOLOGY AND RESEARCH AUTHORITY

**Objective:** Promoted and assisted pure and applied research into economic and environmentally acceptable methods for the recovery and processing of petroleum from oil sands deposits and heavy crude oil reserves, and for enhancing the volumes of oil that can be produced from conventional oil reserves.

**Implementation:** In the area of oil sands and heavy crude oil research, the Alberta Oil Sands Technology and Research Authority (AOSTRA) supported field work by petroleum companies to test in-situ recovery processes. Financial assistance was also provided to Canadian universities for research conducted by students and staff, and to the Alberta Research Council for a number of oil sands programs. A program for assisting individual inventors was introduced by AOSTRA in 1983.

For conventional oil enhanced recovery research, AOSTRA also provided financial assistance in support of field work by petroleum companies and laboratory work to test recovery processes.

The rights to the technology arising from these activities are earned by AOSTRA and made available to interested parties for commercial use at fair market value.

**Total Investment to March 31, 1989:** $413,549,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| 2.1 | Oil Sands Technology and Research | — | (100.0) | 3,151,000 |
| 2.2 | Conventional Oil Enhanced Recovery | — | (100.0) | 2,000,000 |
| | **Amount to be voted** | — | (100.0) | 5,151,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | — | — | — |
| Supplies and Services | — | — | — |
| Grants | — | (100.0) | 5,151,000 |
| Purchase of Fixed Assets | — | — | — |
| | — | (100.0) | 5,151,000 |

## VOTE 1 — IRRIGATION HEADWORKS AND MAIN IRRIGATION SYSTEMS IMPROVEMENT

**Objective:** To rehabilitate, upgrade or replace existing works on irrigation headworks systems and irrigation district main canals, and to construct additional water storage facilities and new water delivery systems, to help assure a water supply for irrigation and other multi-purpose uses in southern Alberta.

**Implementation:** Environment administers the program. Construction is done mainly by private firms bidding on publicly tendered contracts.

**Total Investment to March 31, 1989:** $396,623,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| 1.1 | Program Support | **1,281,000** | (4.5) | 1,342,000 |
| 1.2 | Irrigation Headworks Rehabilitation | **15,218,000** | 39.0 | 10,950,000 |
| 1.3 | Water Management Planning | **—** | — | — |
| 1.4 | Water Resource Development Projects | **22,501,000** | (13.2) | 25,925,000 |
| 1.5 | Improved Operational Capabilities | **1,400,000** | (13.6) | 1,620,000 |
| | **Amount to be voted** | **40,400,000** | 1.4 | 39,837,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | **1,090,000** | (8.2) | 1,187,000 |
| Supplies and Services | **17,783,000** | 22.5 | 14,519,000 |
| Grants | **21,322,000** | (10.1) | 23,724,000 |
| Purchase of Fixed Assets | **205,000** | (49.4) | 405,000 |
| Payments to MLAs | **—** | (100.0) | 2,000 |
| | **40,400,000** | 1.4 | 39,837,000 |

### Summary of Manpower Authorization

| | | | |
|---|---|---|---|
| Full-Time Equivalent Employment | **22.8** | — | 22.8 |

## VOTE 2 — LAND RECLAMATION

**Objective:** To reclaim land throughout Alberta which has been disturbed and to make it as productive as it was prior to disturbance. The program also involves research to improve methods of reclaiming disturbed lands and to minimize the adverse effects of land disturbance.

**Implementation:** Environment coordinates the program. Proposals for research and reclamation projects are solicited from a variety of sources. Research projects may be undertaken by Government departments, industry or the Alberta Research Council. Reclamation projects are managed by the department and may be undertaken by tendering contracts or by entering into agreements with municipalities or industry.

**Total Investment to March 31, 1989:** $32,963,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| 2.1 | Land Reclamation | 2,000,000 | 1.0 | 1,980,000 |
| 2.2 | Reclamation Research | 500,000 | — | 500,000 |
| | **Amount to be voted** | 2,500,000 | 0.8 | 2,480,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | 313,500 | 14.8 | 273,027 |
| Supplies and Services | 1,981,500 | 18.9 | 1,666,973 |
| Grants | 200,000 | (60.0) | 500,000 |
| Purchase of Fixed Assets | 5,000 | (87.5) | 40,000 |
| | 2,500,000 | 0.8 | 2,480,000 |

### Summary of Manpower Authorization

| | | | |
|---|---|---|---|
| Full-Time Equivalent Employment | 7.0 | — | 7.0 |

EXECUTIVE COUNCIL

## VOTE 1 — OCCUPATIONAL HEALTH AND SAFETY RESEARCH AND EDUCATION

**Objective:** To provide funds for research, training and education with the objective of preventing accidents and illness resulting from employment and to promote the health and well-being of Alberta workers through improved working conditions.

**Implementation:** Occupational Health and Safety Services is responsible for administering the project. The majority of 1990-91 funds will be in the form of grants for research, education and training in the area of occupational health and safety.

**Total Investment to March 31, 1989:** $7,390,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| | (No Sub-Projects) | | | |
| | **Amount to be voted** | **1,218,000** | (11.7) | 1,380,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | **130,000** | 1.6 | 128,000 |
| Supplies and Services | **50,000** | (3.8) | 52,000 |
| Grants | **1,038,000** | (13.5) | 1,200,000 |
| Purchase of Fixed Assets | **—** | — | — |
| | **1,218,000** | (11.7) | 1,380,000 |

### Summary of Manpower Authorization

| | | | |
|---|---|---|---|
| Full-Time Equivalent Employment | **3.0** | — | 3.0 |

## VOTE 1 — GRAZING RESERVES ENHANCEMENT

**Objective:** To provide funding for the redevelopment of 21 Provincial Grazing Reserves in Central and Northern Alberta to maintain and/or increase the grazing capacity on these reserves.

**Implementation:** The Public Lands Division of Forestry, Lands and Wildlife administers the Grazing Reserves program. The redevelopment of 136,000 acres of low yielding tame pastures that are reverting to brush at a rapid rate will increase the grazing capacity on these reserves. An increase in patron numbers as well as an increase in existing allotments to approximately 1,000 family farm or ranch units will occur.

**Total Investment to March 31, 1989:** $39,094,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| 1.1 | Support Services | 300,000 | . . . | — |
| 1.2 | Grazing Reserve Redevelopment | 1,092,000 | . . . | — |
| | **Amount to be voted** | 1,392,000 | . . . | — |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | — | — | — |
| Supplies and Services | 1,392,000 | . . . | — |
| Grants | — | — | — |
| Purchase of Fixed Assets | — | — | — |
| | 1,392,000 | . . . | — |

## VOTE 2 — PINE RIDGE REFORESTATION NURSERY ENHANCEMENT

**Objective:** To retrofit the twenty existing greenhouses/shade frames at the Pine Ridge Forest Nursery near Smoky Lake. The new facilities will provide additional seedling stock to meet the increased reforestation demands associated with new forest management agreements.

**Implementation:** The Department of Forestry, Lands and Wildlife administers this facility. The reconstruction of greenhouses and shade frames is undertaken mainly by private firms bidding on publicly tendered contracts.

**Total Investment to March 31, 1989:** $14,739,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| | (No Sub-Projects) | | | |
| | **Amount to be voted** | **3,100,000** | . . . | — |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | — | — | — |
| Supplies and Services | 3,100,000 | . . . | — |
| Grants | — | — | — |
| Purchase of Fixed Assets | — | — | — |
| | **3,100,000** | . . . | — |

## VOTE 1 — APPLIED CANCER RESEARCH

**Objective:** To provide funds for applied cancer research. This can entail the establishment of new or expanded treatment programs and the purchase of advanced technological equipment.

**Implementation:** The Provincial Cancer Hospitals Board reviews applied cancer research proposals and recommends projects for funding. The department provides grants to the Provincial Cancer Hospitals Board for the financing of approved projects.

**Total Investment to March 31, 1989:** $38,493,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| | (No Sub-Projects) | | | |
| | **Amount to be voted** | **2,800,000** | — | 2,800,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | — | — | — |
| Supplies and Services | — | — | — |
| Grants | 2,800,000 | — | 2,800,000 |
| Purchase of Fixed Assets | — | — | — |
| | **2,800,000** | — | 2,800,000 |

## PUBLIC WORKS, SUPPLY AND SERVICES

## VOTE 1 — CAPITAL CITY RECREATION PARK

**Objective:** To reimburse the City of Edmonton for the acquisition of land in the North Saskatchewan River Valley as part of a park and recreation area.

**Implementation:** Public Works, Supply and Services provides a grant to the City for eligible land acquisitions.

**Total Investment to March 31, 1989:** $42,742,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| | (No Sub-Projects) | | | |
| | **Amount to be voted** | **800,000** | — | 800,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | — | — | — |
| Supplies and Services | — | — | — |
| Grants | **800,000** | — | 800,000 |
| Purchase of Fixed Assets | — | — | — |
| | **800,000** | — | 800,000 |

## VOTE 2 — WALTER C. MACKENZIE HEALTH SCIENCES CENTRE

**Objective:** To fund the construction of a health sciences centre that will integrate health care, teaching and research as part of the University of Alberta Hospitals in Edmonton.

**Implementation:** The department provided grants to the University of Alberta Hospitals Board for the purposes of constructing, equipping and furnishing the health sciences centre.

**Total Investment to March 31, 1989:** $389,869,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| | (No Sub-Projects) | | | |
| | **Amount to be voted** | — | (100.0) | 1,600,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | — | — | — |
| Supplies and Services | — | — | — |
| Grants | — | (100.0) | 1,600,000 |
| Purchase of Fixed Assets | — | — | — |
| | — | (100.0) | 1,600,000 |

RECREATION AND PARKS

## VOTE 1 — MUNICIPAL RECREATION/TOURISM AREAS

**Objective:** To provide capital funds to develop Municipal Recreation/Tourism Areas in rural Alberta. These sites will be developed by municipal and volunteer associations to provide recreation and tourism opportunities for local residents as well as tourists.

**Implementation:** Recreation and Parks is responsible for the administration and coordination of the program. The municipalities and associations involved receive funding for their Municipal Recreation/Tourism Areas through conditional grants made in accordance with approved plans.

**Total Investment to March 31, 1989:** $7,475,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| | (No Sub-Projects) | | | |
| | **Amount to be voted** | **2,825,000** | (29.4) | 4,000,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | — | — | — |
| Supplies and Services | — | — | — |
| Grants | **2,825,000** | (29.4) | 4,000,000 |
| Purchase of Fixed Assets | — | — | — |
| | **2,825,000** | (29.4) | 4,000,000 |

## VOTE 2 — URBAN PARK DEVELOPMENT

**Objective:** To provide capital funds to assist 11 Municipalities (Calgary, Edmonton, St. Albert, Fort McMurray, County of Strathcona, Leduc, Camrose, Fort Saskatchewan, Spruce Grove, Airdrie and Wetaskiwin) in the development of urban parks to enhance outdoor recreation opportunities for their residents.

**Implementation:** Recreation and Parks is responsible for the administration and coordination of the program. The municipalities involved receive funding for their urban parks through a system of conditional grants made in accordance with approved park plans. Lethbridge, Medicine Hat, Red Deer, Lloydminster and Grande Prairie received capital assistance totalling $86.7 million under the former program which expired March 31, 1987.

**Total Investment to March 31, 1989:** Nil

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| 2.1 | Program Support | 150,000 | 50.0 | 100,000 |
| 2.2 | Major Urban Centres | 600,000 | . . . | — |
| 2.3 | Other Urban Centres | 2,400,000 | 166.7 | 900,000 |
| | **Amount to be voted** | 3,150,000 | 215.0 | 1,000,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | 120,000 | 50.0 | 80,000 |
| Supplies and Services | 30,000 | 50.0 | 20,000 |
| Grants | 3,000,000 | 233.3 | 900,000 |
| Purchase of Fixed Assets | — | — | — |
| | 3,150,000 | 215.0 | 1,000,000 |

### Summary of Manpower Authorization

| | | | |
|---|---|---|---|
| Full-Time Equivalent Employment | 3.5 | — | 3.5 |

## TECHNOLOGY, RESEARCH AND TELECOMMUNICATIONS

## VOTE 1 — INDIVIDUAL LINE SERVICE

**Objective:** To assist in extending private line service throughout Alberta, at an affordable cost to rural subscribers.

**Implementation:** Technology, Research and Telecommunications is responsible for administering the project. Direct rebates are provided to reduce the costs for rural subscribers. The department will also provide grants to the Alberta Government Telephone Commission (AGT) and has provided grants to Edmonton Telephones.

**Total Investment to March 31, 1989:** $105,391,000

### Summary by Sub-Project

| Reference Number | Sub-Project | 1990-91 Estimates | Change from Comparable 1989-90 Estimates | Comparable 1989-90 Estimates |
|---|---|---|---|---|
| | | $ | % | $ |
| | (No Sub-Projects) | | | |
| | **Amount to be voted** | **66,725,000** | 43.9 | 46,358,000 |

### Summary by Object of Expenditure

| | | | |
|---|---|---|---|
| Salaries, Wages and Employee Benefits | **194,000** | — | 194,000 |
| Supplies and Services | **339,000** | (10.6) | 379,000 |
| Grants | **66,172,000** | 44.6 | 45,765,000 |
| Purchase of Fixed Assets | **20,000** | — | 20,000 |
| | **66,725,000** | 43.9 | 46,358,000 |

### Summary of Manpower Authorization

| | | | |
|---|---|---|---|
| Full-Time Equivalent Employment | **5.0** | — | 5.0 |

## SUMMARY OF AMOUNTS TO BE VOTED
## ESTIMATES OF PROPOSED INVESTMENTS
For the fiscal year ending March 31, 1991

| Department / Vote | | Estimates |
|---|---|---|
| **AGRICULTURE** | | |
| 1 | Farming for the Future | $ 5,000,000 |
| 2 | Irrigation Rehabilitation and Expansion | 25,000,000 |
| 3 | Private Irrigation Water Supply | 3,068,000 |
| **ENERGY** | | |
| 1 | Renewable Energy Research | $ 1,000,000 |
| **ENVIRONMENT** | | |
| 1 | Irrigation Headworks and Main Irrigation Systems Improvement | $ 40,400,000 |
| 2 | Land Reclamation | 2,500,000 |
| **EXECUTIVE COUNCIL** | | |
| 1 | Occupational Health and Safety Research and Education | $ 1,218,000 |
| **FORESTRY, LANDS AND WILDLIFE** | | |
| 1 | Grazing Reserves Enhancement | $ 1,392,000 |
| 2 | Pine Ridge Reforestation Nursery Enhancement | $ 3,100,000 |
| **HEALTH** | | |
| 1 | Applied Cancer Research | $ 2,800,000 |
| **PUBLIC WORKS, SUPPLY AND SERVICES** | | |
| 1 | Capital City Recreation Park | $ 800,000 |
| **RECREATION AND PARKS** | | |
| 1 | Municipal Recreation/Tourism Areas | $ 2,825,000 |
| 2 | Urban Park Development | 3,150,000 |
| **TECHNOLOGY, RESEARCH AND TELECOMMUNICATIONS** | | |
| 1 | Individual Line Service | $ 66,725,000 |
| Amount to be voted under section 1 of the Appropriation (Alberta Heritage Savings Trust Fund, Capital Projects Division) Act, 1990 | | $ 158,978,000 |